SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor (CDT / LCD)	Bulletin No. :	99-C/M-E0001
Model :	ALL Model (Syncmaster / Samtron)	Bulletin Date :	Jan. 04. 1999
Buyer :	All subsidiaries	ECN Date :	Dec. 30. 1998

SUBJECT : Change Serial No. Specification

Background : (Symptom) The different chassis could be used for the same Nickname code. So SEC want to add so on the serial No for distinguishing the proper chassis from the other used same nickname.

Cause : For didtinguishing the proper chassis from the other which is used with same nickname

Solution : Add 4 digit on the serial No.

Application Date : Jan. 04. 1999

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
		See refer page			

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View (O)
Mechanical Diagram ( ) None ( ) Others ( )

Product Month : Jan. 1999 ~ Serial No. (~ from)

Published by : G.M.Chung Checked by : J.U.Lee Approved by : S.J. Choi

Corrective Action

The change of serial number's specification

1. Application Model : Syncmaster / Samtron's (SAMSUNG basic ALL Model)
2. Application month : Jan. 1999
3. Contents : Add to 4 digit in serial number's

Before	After
H1HK100001B (11 DIGIT) Check Digit	HA14H1HK100001B (15 DIGIT) Check Digit 14 : Inch HA : Chassis Name

¡á *Distribution List and Remarks*

** Bulletin No: 99-C/M-E0001*

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
13	SECOSA	Spain	
14	SEP	Portugal	
15	SESAB	Sweden	
16	SEI	Italy	
17	SHE	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	
21	SSA	S/Africa	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	99-C/M-E0002
Model :	CSE9839 (Syncmaster900P)	Bulletin Date :	Jan.. 28. 1999
Buyer :	All subsidiaries	ECN Date :	Aug. 20. 1998

SUBJECT : Multi-parts list for the alternate CRT's

Background : The CRT of CSE 19 inch monitor can be used alternately.

(Symptom)

Cause : There have been 19" CRT shortage problem & SEC need to improve 19" CRT quality by pushing CRT maker.

Solution : When CRT is replaced to another CRT than some parts have to be changed according attached multi-parts list table.

Application Date : Jan. 20. 1999

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
		See you Att.			B

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others (0)

Product Month : Feb. 1999 Serial No. (~ from)

Published by : G.M.Chung Checked by : J. U.Lee Approved by : S.J.Choi

¡á Additional Information

** Bulletin No: 99-C/M-E0002*

Different parts code for CSE 9839 19 inch CDT Maker.

Location	Hitachi	SDD	Toshiba
CRT	M46LLQ683X01(PU) BH03-10339S	M46QCE261X114(T4/H) BH03-10030A	M46LPA507XX608(F3G1) BH03-00029A
C435	150 nF 250V MPP 2306-000131	150 nF 250V MPP 2306-000131	120 nF 250V MPP 2306-000125
R309	15K Ohm 1/4T 2004-000344	15K Ohm 1/4T 2004-000344	12K Ohm 1/4T M.P 2004-000284
R305	6.8K Ohm 1/4T 2004-001136	6.8K Ohm 1/4T 2004-001136	5.1K Ohm 1/4T M.P 2004-001005
R418	4.3K Ohm 1/4T 2004-004038	4.3K Ohm 1/4T 2004-004038	5.1K Ohm 1/4T M.P 2004-001005
C273	not used -	not used -	1 nF 100V P 2301-000011
R267	not used -	not used -	100K Ohm 1/6T R-Carbon 2001-000086
R301	not used -	not used -	39K Ohm 1/4W R-Carbon 2004-000861
R325	not used -	not used -	470 Ohm 2W M.O 2003-000701
R460	220Ohm 3W M.O 2003-000580	220Ohm 3W M.O 2003-000580	75Ohm 2W R-Cement 2006-001063

¡á Distribution List and Remarks

* Bulletin No: 99-C/M-E0002

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
13	SECOSA	Spain	
14	SEP	Portugal	
15	SESAB	Sweden	
16	SEI	Italy	
17	SHE	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	99-C/M-E0003
Model :	CSE9839 / CSE7839	Bulletin Date :	Feb. 02. 1999
Buyer :	All subsidiaries	ECN Date :	Aug. 27. 1998

SUBJECT : Countermeasure for Q501 failure

Background : To solve the Q501 failure problem at the manufacturing process.

(Symptom)

Cause : Afford a sufficient margin between the Drain and Source of Q501

Solution : Change the capacitance of C501 from 50V/47uF to 100V/10uF.

Application Date : Jan. 28. 1999

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
C501	2401-001585	C-ELEC. 50V/47uF 105¡	2401-000393	C-ELEC. 100V/10uF 105	C

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) NEW / Early (Prod.) Late	OLD (Parts) Early (Prod.) NEW Late	OLD (Parts) Early (Prod.) NEW Late	OLD (Parts) Early (Prod.) NEW Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference ( ) Only Defected sets (o) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others (0)

Product Month : Jan. 1999 Serial No. (~ from)

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¡á Distribution List and Remarks

* Bulletin No: 99-C/M-E0003

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
13	SECOSA	Spain	
14	SEP	Portugal	
15	SESAB	Sweden	
16	SEI	Italy	
17	SHE	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	99-C/M-E0004
Model :	CSM920B/ S/M900SL	Bulletin Date :	Mar. 10. 1999
Buyer :	All subsidiaries	ECN Date :	Mar. 02. 1998

SUBJECT : Countermeasure for IC601 failure

Background : To improve IC601 fail problem in the line process.

(Symptom)

Cause : The surge in IC601 PIN # 5 that it is sync signal.
So, D3 e-b diode in the IC601 shorten by surge.

Solution : Change diode of D606 from switching (1n4148) to zener (UZ3.3BSA).

Application Date : Mar. 15. 1999

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
D606	0401-000005	Switching 1n4148,75V 200ma	0403-001131	Zener UZ3.3BSA, 3.16~ 3.38V, 500	C

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) ← Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference ( ) Only Defected sets (o) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others (0)

Product Month : Mar. 1999 Serial No. (~ from)

Published by : G.M.Chung Checked by : J. U.Lee Approved by : S.J.Choi

¡á *Distribution List and Remarks*

* Bulletin No: 99-C/M-E0004

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
13	SECOSA	Spain	
14	SEP	Portugal	
15	SESAB	Sweden	
16	SEI	Italy	
17	SHE	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	99-C/M-E0005
Model :	CSM920B/ S/M900SL	Bulletin Date :	Mar. 11. 1999
Buyer :	All subsidiaries	ECN Date :	Mar. 11. 1999

SUBJECT : Information of IC201 (Micom)

Background : We are chenge the micom-IC type for CSM920B and S/M900SL model.

(Symptom) If you need micom IC201 for service, Please order according to new part.

Cause :

Solution : Change micom-IC of IC201 from OTP type to Masking type

Application Date : Mar. 13. 1999

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
IC201	0903-001063	IC-Microcontroller (OTP)	BH09-00003A	IC-Micom Masking (CSESM_02)	C

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) ← Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )

Mechanical Diagram ( ) None ( ) Others (0)

Product Month : Mar. 1999 Serial No. (~ from)

Published by : G.M.Chung Checked by : J. U.Lee Approved by : S.J.Choi

¡á *Distribution List and Remarks*

* Bulletin No: 99-C/M-E0005

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
13	SECOSA	Spain	
14	SEP	Portugal	
15	SESAB	Sweden	
16	SEI	Italy	
17	SHE	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	Color monitor	Bulletin No. :	99-C/M-E0006
Model :	CSE-Chassis	Bulletin Date :	Mar. 13. 1999
Buyer :	All subsidiaries	ECN Date :	Jan. 20. 1999

SUBJECT : Information of IC201 (Micom)

Background : We are chenge the micom-IC type for CSE-Chassis.

(Symptom) If you need micom IC201 for service, Please order according to new part.

Cause :

Solution : Change micom-IC of IC201 from OTP type to Masking type

Application Date : Mar. 1. 1999

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
IC201	0903-001063	IC-Microcontroller (OTP)	BH09-00003A	IC-Micom Masking (CSESM_02) Type : ST2752J6B1/LFK	C

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) → Early (Prod.) NEW Late	OLD (Parts) Early ← (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others (0)

Product Month : Mar. 1999 Serial No. (~ from)

Published by : G.M.Chung Checked by : J. U.Lee Approved by : S.J.Choi

¡á *Additional Information*

** Bulletin No: 99-C/M-E0006*

Model List of CSE-Chassis

Inch	FST	IFT
17	CSE700P Plus CSE7839 CSE9729 CSE788B	CSE700IFT CSE780B
19	CSE900P CSE9839 CSE9829 CSE988B	CSE900IFT CSE980B

¡á *Distribution List and Remarks*

** Bulletin No: 99-C/M-E0006*

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SLSC	Panama	
3	SESC	U.K	
4	SGSC	UAE	
5	SASC	Singapore	
6	SMSC	Russia	
7	SPSC	China	
8	SECA	Canada	
9	SEM	Mexico	
10	SEDA	Brazil	
11	SEG	Germany	
12	SEF	France	
13	SECOSA	Spain	
14	SEP	Portugal	
15	SESAB	Sweden	
16	SEI	Italy	
17	SHE	Hungary	
18	SEAU	Australia	
19	SAPL	Singapore	
20	SEJ	Japan	